

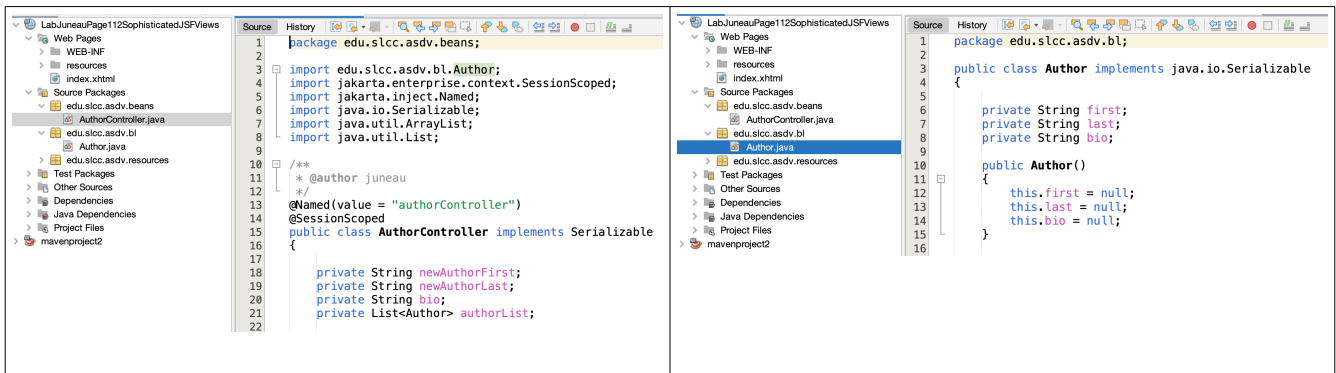
ASDV 2620, Lab Juneau-Textbook page 112 Building Sophisticated JSF Views with Components

Lab Part 1

1. Create a Maven Web Application with JSF (Jakarta 9, JSF 3.0). Your index.xhtml is shown below.

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2. Create the CDI bean `AuthorController` and the pojo `Author` as shown below:



```
package edu.slcc.asdv.beans;

import edu.slcc.asdv.bl.Author;
import jakarta.enterprise.context.SessionScoped;
import jakarta.inject.Named;
import java.io.Serializable;
import java.util.ArrayList;
import java.util.List;

/**
 * @author juneau
 */
@Named(value = "authorController")
@SessionScoped
public class AuthorController implements Serializable {

    private String newAuthorFirst;
    private String newAuthorLast;
    private String bio;
    private List<Author> authorList;
}
```

```
package edu.slcc.asdv.bl;

public class Author implements java.io.Serializable {

    private String first;
    private String last;
    private String bio;

    public Author() {
        this.first = null;
        this.last = null;
        this.bio = null;
    }
}
```

3. Clean and build and run.



Use the following form to add an author to the list.

New Author First Name:

New Author Last Name:

Bio:

Java 7 Recipes Authors

- Josh Juneau
- Carl Dea
- Mark Beaty
- John O'Conner
- Freddy Guime
- John Wayne

4. Understand the explanation given by the author in pages 119, 123
5. Submit zip plus HTML of CDI bean

Lab Part 2

6. Copy/paste and refactor your project into LabJuneauPage122Refined.
7. Add a property file for all titles used in index.xhtml (i.e first name)
8. In the CDI bean leave just a place holder for the business logic that will use the methods of the business logic. Take the initialization in the constructor and pace it into a static method somewhere you decide, inside you business logic.
9. Submit zip, plus CDI bean, plus index.xhtml.